

10/577063
AP20 Rec'd of CTA PTO 24 APR 2006

Docket No.: 4590-500

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Elias BITAR et al.

U.S. Patent Application No. *not yet assigned*

Filed: *herewith*

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: Confirmation No. n/a
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For: METHOD FOR DETERMINING OPTIMAL CHAMFER MASK COEFFICIENTS FOR
DISTANCE TRANSFORM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above-identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56. A copy of the foreign search report is attached for the Examiner's information. Acknowledgement and consideration of these documents are respectfully requested.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 4590-500		U.S. APPLICATION NO. 09/577,063 Not yet assigned			
				APPLICANT Elias BITAR et al.					
				FILING DATE herewith		GROUP			
U.S. PATENT DOCUMENTS									
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE			
FOREIGN PATENT DOCUMENTS									
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation			
						Yes	No		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	Borgfors G: "Distance Transformations in Digital Images" Computer Vision Graphics and Image Processing, Academic Press, Duluth, MA, vol 34, 1986, pages 344-371								
	C. Fouard, G. Malandain: "Automatic calculation of chamfer mask coefficients for large masks and anisotropic images" Rapport De Recherche Institut National De Recherche en Informatique et en Automatique 2004-05-04 Section 5.3 "Finding the optimal coefficients"								
	Coquin D et al: "Discrete distance operator on rectangular grids" Pattern Recognition Letters, North Holland Publ. Amsterdam NL September 1, 1995, pages 911-923								
EXAMINER				DATE CONSIDERED					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.